## LASER INDUCED CHANGE OF ELECTRICAL RESISTANCE

## **Abstract of the Disclosure**

A method and structure for changing an electrical resistance of a resistor. Initially, the resistor is provided, wherein the resistor has a length L and an electrical resistance  $R_1$ . A portion of the resistor is exposed to a laser radiation, wherein the portion includes a fraction F of the length L of the resistor. Both F = 1 and F < 1 are within the scope of the present invention. After the resistor has been exposed to the laser radiation, the resistor has an electrical resistance  $R_2$ , wherein  $R_2$  is unequal to  $R_1$ . The change in resistance from  $R_1$  to  $R_2$  is due to a heating of the resistor by the laser radiation, which causes a chemical or structural change within the resistor. Either  $R_2 > R_1$  or  $R_2 < R_1$  depending on the material composition of the resistor.

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